

Set	Items	Description
S1	38279	WEBSITE? OR WEB()SITE? OR WEB()ADDRESS? OR WEB()SERVER? OR ISP OR ISPS OR URL OR URLS OR BROWSER?
S2	264613	DATABASE? OR DATA() (BASE? OR FILE? OR STORE?) OR DATAFILE? OR DATASTORE? OR DB OR DBS
S3	1237625	SERVER? OR COMPUTER? OR NETWORK? OR ONLINE? OR INTERNET? OR ONLINE? OR WORLD()WIDE()WEB
S4	667415	BUSINESS? OR COMMERCIAL? OR AIRCRAFT? OR AIRPLAN? OR AEROS-PAC? OR RETAIL? OR ECOMMERCE? OR ETAIL? OR EBUSINESS?
S5	7907	AEROPLAN? OR AIRLINE? OR JUMBOJET? OR JUMBO() (JET OR JETS) OR PASSENGER() (JET OR JETS OR PLANE?)
S6	4569229	ENGINE? OR MACHIN? OR MOTOR? OR MAINTENAN? OR PROPULSION? - OR SCHEDUL? OR GENERAL(2N) (INFO OR INFORMATION?) OR FAQ OR FA-QS
S7	76744	NAVIGAT? OR (ARRIV? OR DEPART?) (2N)TIME?
S8	1467034	ACCESSIBL? OR USABL? OR COLLABORAT? OR SHARE? OR SHARING? - OR SYNCHRON? OR SYNCRON? OR COUPL? OR CONJOIN? OR SYMBIO?
S9	407173	ACCESS?(2N) (PRIVIL? OR RIGHT? OR PERMISSION?) OR INTERFAC? OR COOPERAT? OR CONSOLIDAT? OR CONFEDERAT?
S10	7026730	SINGLE? OR ONE OR FIRST OR PRIMARY? OR UNIQUE? OR SOLITARY? OR LONE OR HEAD OR FOREMOST? OR INITIAL?
S11	922308	DISTINCT? OR ISOLAT? OR INDIVIDUAL? OR SINGULAR? OR SOLO OR PRIME? OR CHIEF?
S12	3428188	1ST OR MAIN OR NUMBER() (ONE OR 1) OR PRINCIPAL? OR INITIAL? OR LEAD OR CONTROLLER? OR HEAD OR MASTER
S13	5335219	SECOND? OR 2ND OR ANOTHER OR AUXILIAR? OR BACKUP? OR EXTRA OR TWO OR DOUBL? OR PROXY? OR PROXIE? OR STANDIN OR STAND?() IN OR SLAVE?
S14	2328481	PARALLEL? OR TWIN OR TWOFOLD? OR TWOSOME? OR PAIR??? OR DU-AL? OR SPARE? OR EXTRA?
S15	1235257	IC=G06F?
S16	1018942	MC=(T01? OR W06?)
S17	126704	S10:S12(7N)S1:S7 AND S13:S14(7N)S1:S7
S18	15214	S17 AND S8:S9(7N)S1:S7
S19	86	S18 AND S1 AND S2 AND S3
S20	9730	S18 AND S4:S7
S21	609	S20 AND S10:S12(3N)S1:S3 AND S13:S14(3N)S1:S3
S22	214	S21 AND S4:S7(10N)S8:S9
S23	563	S21 AND S1:S3(10N)S8:S9
S24	168	S22 AND S23
S25	460	S22:S23 AND S15:S16
S26	102	S25 AND (S10:S12 AND S13:S14)/TI
S27	188	S25 AND S8:S9/TI
S28	398	S25 AND S1:S7/TI
S29	236	S28 AND S26:S27
S30	42	S29 AND S26 AND S27
S31	323	S19 OR S24 OR S26 OR S30
S32	250	S19 OR S24
S33	824231	PR=2002:2005
S34	222	S32 NOT S33
S35	222	IDPAT (sorted in duplicate/non-duplicate order)
S36	404	S21 NOT S32:S33
S37	19	S36 AND (S5 OR AIRCRAFT? OR AIRPLAN?)
S38	19	IDPAT (sorted in duplicate/non-duplicate order)

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200555  
(c) 2005 Thomson Derwent

**Best Available Copy**

35/3,K/25 (Item 25 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015725307 \*\*Image available\*\*  
WPI Acc No: 2003-787507/200374  
XRPX Acc No: N03-631041

Distributed collaborative computing system, has high-speed direct  
connection link to connect servers having program that detects failed  
server and connects another server for resuming on-line conference

Patent Assignee: SHEN J (SHEN-I); YAN S (YANS-I); ZHU M (ZHUM-I)

Inventor: SHEN J; YAN S; ZHU M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030167303	A1	20030904	US 2000751807	A	20001229	200374 B

Priority Applications (No Type Date): US 2000751807 A 20001229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030167303	A1	39	G06F-015/16	

Distributed collaborative computing system, has high-speed direct  
connection link to connect servers having program that detects failed  
server and connects another server for resuming on-line conference

Abstract (Basic):

... The system has **servers** (335) connected to client **computers**  
(320) through a global **computer network**. A high-speed link connects  
the **servers** having a program. The program comprises instructions for  
conducting an on-line conference among an arbitrary number of client  
**computers** connected to **servers**, detecting a failed **server** and  
disconnecting it to connect **another server** for resuming the on-line  
conference.

... a) a method of operating a distributed **collaborative computer**  
system...

...b) a **computer** readable storage medium for storing a **computer** program  
...

...Used for distributed **collaborative** computing over **computer networks**  
...

...The system is scalable to handle an arbitrary number of conference  
participants and eliminates the **server** as the **single** point of  
failure. The periodical replication of the process executed by the  
**server** detects the failure of the process and a new process is spawned  
and the replicated state information is loaded onto the new process to  
continue the **online** conference...

...The drawing shows a block diagram of the software components of a  
distributed **collaborative computer** system...

...Central operation **data base** (300...

...Client **computers** (320...

... **Web server** (335...

...Web data base (337...

...Log server (370

35/3,K/33 (Item 33 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015367982 \*\*Image available\*\*  
WPI Acc No: 2003-428920/200340  
XRPX Acc No: N03-342384

**Aircraft and aircraft engine information communication method involves  
accessing data stored in database of one server system through  
another server system by computer including browser**  
Patent Assignee: GIMBERT N W (GIMB-I); NORTH B C (NORT-I); TALEVKSI S M  
(TALE-I)

Inventor: GIMBERT N W; NORTH B C; TALEVKSI S M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030014426	A1	20030116	US 2001903474	A	20010711	200340 B

Priority Applications (No Type Date): US 2001903474 A 20010711

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030014426	A1	11	G06F-007/00	

**Aircraft and aircraft engine information communication method involves  
accessing data stored in database of one server system through  
another server system by computer including browser**

Abstract (Basic):

... Communication system includes **two** server systems. Each server system includes a web **server** coupled to a **database**. **Data** stored in the **database** of **one** server system is accessed by a **computer** including **browser** through **another** server system.

... For communicating aircraft and aircraft engine information through local area **network** (LAN), wide area **network** (WAN), dial-in connections, cable modems and special high-speed ISDN lines...

...Enables communicating aircraft and aircraft engine information to user through **computer** including **browser**.

...Title Terms: **DATABASE** ;

*TRANS*  
*APPLICATION*

35/3,K/48 (Item 48 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014891660 \*\*Image available\*\*  
WPI Acc No: 2002-712366/200277  
XRPX Acc No: N02-561917

**Data synchronization method for wireless system, involves resolving conflicts between data transmitted by secondary computer and data received by primary computer, if both computers belong to same group**

Patent Assignee: DESHPANDE N (DESH-I); DOHRMANN S H (DOHR-I); EASTMAN G F (EAST-I); LEE B H (LEEB-I); INTEL CORP (ITLC )

Inventor: DESHPANDE N; DOHRMANN S H; EASTMAN G F; LEE B H

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020099772	A1	20020725	US 2000752536	A	20001229	200277 B
US 6931454	B2	20050816	US 2000752536	A	20001229	200554

Priority Applications (No Type Date): US 2000752536 A 20001229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020099772	A1	16	G06F-015/16	
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US 6931454	B2		G06F-015/16	
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**Data synchronization method for wireless system, involves resolving conflicts between data transmitted by secondary computer and data received by primary computer, if both computers belong to same group**

Abstract (Basic):

... A wireless channel is established between a **primary** mobile **computer** belonging to a workgroup and **secondary** mobile computer. If the **secondary computer** belongs to the same workgroup, the **primary computer** receives data from the **secondary computer** through the channel. The conflicts between received data and transmitted data are resolved.

... 1) **Machine** -readable medium storing data **synchronization** program; and...

...For **synchronization** of **network** devices in wireless system for communicating data like voice, video, music, broadcast, etc., in office ...

...wired network, hence cost and change are reduced, hence enables easy maintenance and management of **network**. The **synchronization** method can be applied to fixed remote terminals and low and high mobility terminals...

35/3,K/51 (Item 51 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014844825 \*\*Image available\*\*  
WPI Acc No: 2002-665531/200271  
XRPX Acc No: N02-526507

User information registration method for centralized user database ,  
involves directing user information registered in one Internet site  
to another by linking both sites with centralized user database

Patent Assignee: EREGISTER INC (EREG-N)  
Inventor: CALLOW P; CETON A; TIUS M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087541	A1	20020704	US 2001753447	A	20010103	200271 B

Priority Applications (No Type Date): US 2001753447 A 20010103

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020087541	A1	10	G06F-017/30	

User information registration method for centralized user database ,  
involves directing user information registered in one Internet site  
to another by linking both sites with centralized user database

SEE  
RELATED  
BENEFIT

Abstract (Basic):

... Information is input into identity fields in an Internet site  
by a user. The Internet site is linked with a centralized user  
database which has a master list of identity fields with which  
identity fields in the web site are compared so as to register the  
user information. Another Internet site with identity fields is  
linked with the database . The user information is directed to the  
corresponding new identity fields from the database .

... For registering user information in Internet sites linked with  
centralized user database accessible by several subscribers...

...Enables user to directly access the centralized user database for  
changing or updating user information. Efficiently registers user  
information to database from Internet site by matching identity  
fields...

...Title Terms: DATABASE ;

35/3,K/58 (Item 58 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014737322 \*\*Image available\*\*  
WPI Acc No: 2002-558026/200259  
XRPX Acc No: N02-441681

**Application browser that runs on first computer for automatically updating of applications on another computer over network has database manager that controls storage of, and access to, objects stored in at least one database**

Patent Assignee: EXPERIENCE TECHNOLOGIES LLC (EXPE-N)

Inventor: RABUNG A J; SCHRAG M H

Number of Countries: 091 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200259741	A1	20020801	WO 99US28894	A	19991207	200259 B
EP 1266283	A1	20021218	EP 99967210	A	19991207	200301
			WO 99US28894	A	19991207	
AU 2000223536	A1	20020806	WO 99US28894	A	19991207	200427
			AU 2000223536	A	19991207	
JP 2004518215	W	20040617	WO 99US28894	A	19991207	200440
			JP 2002560003	A	19991207	

Priority Applications (No Type Date): WO 99US28894 A 19991207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200259741	A1	E	89	G06F-009/00	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

EP 1266283	A1	E		G06F-009/00	Based on patent WO 200259741
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

AU 2000223536	A1			G06F-009/00	Based on patent WO 200259741
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JP 2004518215	W		129	G06F-011/00	Based on patent WO 200259741
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**Application browser that runs on first computer for automatically updating of applications on another computer over network has database manager that controls storage of, and access to, objects stored in at least one database**

Abstract (Basic):

... An update module may upload and download objects from a **second computer** while **database** manager controls its storage, and access to the objects stored in the at least **one database** and **interfaces** with the update module and the at least **one database**. At least **one database** comprises at least **one** table storing at least one of the several objects.

... For automatically updating of applications from **one computer** to **another computer** over a **network**.

...delete the entire previous version of the application. Allows a user to communicate over a **network** without the need for a constant connection

...Title Terms: **COMPUTER** ;

-42-

We claim:

1. An application browser run on a first computer comprising:  
at least one database that stores a plurality of objects;  
an update module that uploads and downloads objects from a second  
5 computer; and  
a database manager that controls storage of, and access to, the objects  
stored in the at least one database and interfaces with the update module and the at  
least one database,  
wherein the at least one database comprises at least one table storing at least  
10 one of the plurality of objects.



35/3,K/61 (Item 61 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014669653 \*\*Image available\*\*  
WPI Acc No: 2002-490357/200252  
XRPX Acc No: N02-387622

**Provisioning system for telephony services via a personal digital assistant synchronizes information on handheld computer with information on a database program by a server**  
Patent Assignee: SYNDEO CORP (SYND-N); LITTLETON J (LITT-I); UNITE D (UNIT-I)

Inventor: LITTLETON J; UNITE D  
Number of Countries: 097 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200244931	A1	20020606	WO 2001US30852	A	20011002	200252 B
AU 200194972	A	20020611	AU 200194972	A	20011002	200264
US 20030023759	A1	20030130	US 2000729622	A	20001130	200311

Priority Applications (No Type Date): US 2000729622 A 20001130  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200244931	A1	E	23 G06F-017/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200194972	A	G06F-017/00	Based on patent WO 200244931
US 20030023759	A1	G06F-015/16	

**Provisioning system for telephony services via a personal digital assistant synchronizes information on handheld computer with information on a database program by a server**

Abstract (Basic):

... The system includes a handheld **computer** including an application program to maintain a **database**. A **second** application program enables a user to access the **first database** and change records in that **database** according to features selected by the user. A host **computer** system includes a **synchronization** program to provide a **synchronization** of information of the **first database** and information on a **second database** maintained by a **server**.  
... 3) for a handheld **computer**.

...For synchronization of information between a wireless portable device and a **server**.  
...

...Allows subscriber to modify telephone services using handheld **computer** without sitting at **computer** with access to **web site** providing telephone provisioning services

...Title Terms: **COMPUTER** ;

35/3,K/62 (Item 62 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014659176

WPI Acc No: 2002-479880/200251

XRPX Acc No: N02-378953

**Method of enhancing a commercial transaction conducted over a communications network by updating a second configuration database with changes in a first database within a given maximum period**

Patent Assignee: ACCENTURE LLP (ACCE-N)

Inventor: CHINCHAR R S; FRANCIS K; GRIMM D; HUFFMAN A Z; KLING R; KRAHN R R  
; MILLER K A; SCHWARZINGER T D; SMIACH B; SWEENEY M S

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200239355	A1	20020516	WO 2000US42106	A	20001109	200251 B
AU 200132689	A	20020521	WO 2000US42106	A	20001109	200260
			AU 200132689	A	20001109	
EP 1342184	A1	20030910	EP 2000991466	A	20001109	200367
			WO 2000US42106	A	20001109	
AU 2001232689	B2	20050505	WO 2000US42106	A	20001109	200535
			AU 2001232689	A	20001109	

Priority Applications (No Type Date): WO 2000US42106 A 20001109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200239355	A1	E	35	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200132689	A				Based on patent WO 200239355
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EP 1342184	A1	E			Based on patent WO 200239355
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

AU 2001232689	B2			G06F-017/60	Previous Publ. patent AU 2001232689
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Based on patent WO 200239355

**Method of enhancing a commercial transaction conducted over a communications network by updating a second configuration database with changes in a first database within a given maximum period**

Abstract (Basic):

... **Synchronized** updates are performed between configuration  
**databases** associated with different **business** entities. Changes in  
**one database** are detected in real time to instigate an update in the  
other database.

... a) a method for conducting a **commercial** transaction over a  
communications network...

...b) and a system for enhancing a **commercial** transaction conducted over  
a communications network...

...Title Terms: **COMMERCIAL** ;

35/3,K/76 (Item 76 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014318481

WPI Acc No: 2002-139183/200218

XRPX Acc No: N02-104928

**Application** synchronization in distributed network environment by  
**mapping** second attribute data to first attribute data and storing  
**second attribute data** in association with first attribute data in  
first database

Patent Assignee: NOVIENT INC (NOVI-N); CALDWELL R R (CALD-I); CLAYTON A  
(CLAY-I); GREENE M L (GREE-I); MERRILL M C (MERR-I); WELLS R G (WELL-I)

Inventor: CALDWELL R R; CLAYTON A; GREENE M L; MERRILL M C; WELLS R G

Number of Countries: 094 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200142966	A2	20010614	WO 2000US33792	A	20001213	200218 B
AU 200132638	A	20010618	AU 200132638	A	20001213	200218
US 20020046286	A1	20020418	US 99170460	P	19991213	200228
			US 99459734	A	19991213	
			US 2000738916	A	20001213	
US 6421673	B1	20020716	US 99459734	A	19991213	200248

Priority Applications (No Type Date): US 99459734 A 19991213; US 99170460 P  
19991213; US 2000738916 A 20001213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200142966 A2 E 110 G06F-017/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200132638 A G06F-017/00 Based on patent WO 200142966

US 20020046286 A1 G06F-015/16 Provisional application US 99170460

CIP of application US 99459734

US 6421673 B1 G06F-017/30

**Application** synchronization in distributed network environment by  
**mapping** second attribute data to first attribute data and storing  
**second attribute data** in association with first attribute data in  
first database

...Abstract (Basic): NOVELTY - An universal resource locator ( URL ) of a  
**second server** is mapped to respective message type data that is then  
stored in association with respective universal resource locator in a  
**first database** . A **second** attribute data is then mapped to first  
attribute data for storing the second attribute data in association  
with the **first** attribute data in the first **database** , which  
**accessible** to the **first server** .

...

...c) a system **coupled** via a **network** and operable by a **first user**...

...USE - In data access and management, or 'data syncing', between **servers**  
via inter- **network** such as the **Internet** data remains in the  
**databases** of the **servers** unless access to it is required by **another**

server. The **servers** can access each other's data without the need to receive all of the data from the other **server** .

...Title Terms: **NETWORK** ;

35/3,K/78 (Item 78 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014276317 \*\*Image available\*\*  
WPI Acc No: 2002-097019/200213  
XRPX Acc No: N02-071679

**Reservation scheduling method for calender-driven consumer service**  
business , involves synchronizing periodically and automatically, two  
databases storing site-based reservation and web-based reservation  
Patent Assignee: GRAMANN H T (GRAM-I); GUSMERI S L (GUSM-I); MOORE J H  
(MOOR-I)

Inventor: GRAMANN H T; GUSMERI S L; MOORE J H  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010049613	A1	20011206	US 2000185786	P	20000229	200213 B
			US 2001778567	A	20010207	

Priority Applications (No Type Date): US 2000185786 P 20000229; US  
2001778567 A 20010207

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010049613	A1	15	G06F-017/60	Provisional application US 2000185786

**Reservation scheduling method for calender-driven consumer service**  
business , involves synchronizing periodically and automatically, two  
databases storing site-based reservation and web-based reservation

Abstract (Basic):

... A **primary database** (109) which stores a site-based  
reservation, is periodically and automatically **synchronized** with a  
**secondary database** (107) that stores a web-based reservation.  
... b) **Computer** program product...

...For **scheduling** reservations in calendar-driven consumer service  
**business** such as restaurant, golf course, saloons, hotel, etc...

... **Databases** on local and **server** system are updated such that conflicts  
are resolved in favor of local system, thereby enhancing **business**  
confidence. Enables making reservations from either a local system or  
through a **web server** .

... **Secondary database** (107...

... **Primary database** (109

...Title Terms: **SCHEDULE** ;

35/3,K/79 (Item 79 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014234298 \*\*Image available\*\*  
WPI Acc No: 2002-054996/200207  
XRPX Acc No: N02-040578

Server identification method in client- server system, involves  
transmitting information indicating server in which0 shared data  
file is stored, to client based on request from client

Patent Assignee: NEC CORP (NIDE )

Inventor: NAKAJIMA K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010049719	A1	20011206	US 2001870809	A	20010531	200207 B
JP 2001344223	A	20011214	JP 2000161352	A	20000531	200214

Priority Applications (No Type Date): JP 2000161352 A 20000531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010049719	A1		7 G06F-015/16	
JP 2001344223	A	12	G06F-015/16	

Server identification method in client- server system, involves  
transmitting information indicating server in which shared data  
file is stored, to client based on request from client

Abstract (Basic):

... Information indicating a server in which shared data file  
is maintained, is transmitted from servers (120-1,120-2) to a  
browser (102) of a client (100) in response to request from the  
browser . The processor (101) of the client is invoked. The file is  
transmitted to the processor from the specified server , in response  
to request from the processor.

... An INDEPENDENT CLAIM is also included for client- server system

...

...For identifying server in client- server system (claimed...

...By transmitting information indicating server containing shared  
data file to client, the new location of shared data file is  
informed to client and hence need to alter contents of file when the  
file is moved from one server to another is avoided...

...The figure shows the block diagram of client- server system...

... Browser (102...

... Servers (120-1,120-2

35/3,K/86 (Item 86 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014046499 \*\*Image available\*\*  
WPI Acc No: 2001-530712/200159  
XRPX Acc No: N01-393944

Cooperative working system for switching a number of clients via a communication system, uses data file transmission device for transmitting the contents of document data file from one client to another

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )  
Inventor: KAWASE S

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10040986	A1	20010412	DE 10040986	A	20000822	200159 B
CN 1289977	A	20010404	CN 2000128680	A	20000919	200159
JP 2001101052	A	20010413	JP 99273325	A	19990927	200159
KR 2001050471	A	20010615	KR 200054218	A	20000915	200171
TW 476044	A	20020211	TW 2000114826	A	20000725	200304
JP 3594229	B2	20041124	JP 99273325	A	19990927	200477

Priority Applications (No Type Date): JP 99273325 A 19990927

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10040986	A1	23		H04L-012/18	
CN 1289977	A			G06F-017/00	
JP 2001101052	A	13		G06F-012/00	
KR 2001050471	A			G06F-003/14	
TW 476044	A			G06F-003/14	
JP 3594229	B2	14		G06F-012/00	Previous Publ. patent JP 2001101052

Cooperative working system for switching a number of clients via a communication system, uses data file transmission device for transmitting the contents of document data file from one client to another

Abstract (Basic):

... A system of clients for working in **collaboration** via a communication **network** includes facilities for setting up meetings between first and **second** clients working together. A **data file** transmission device is used for transmitting the contents of a document **data file** of the **first** client, to the **second** client without the need to run a **web - server**, where the meeting between the clients is set up by the meeting arrangement facility.

... System in which a number of clients are interconnected via a communication **network**, and in particular, a **cooperative** system in which a local **data file** can be used by any client in **collaboration** with any other...

...Allows effective access to document **data files** stored in a personal **computer** (PC), together with other PCs used by other **collaborating** users. Allows **collaboration** of **server** as well as a client for effective **cooperation** by means of a cache-function. Allows storage in a company/community **data file** in the same document format as the original...

35/3,K/89 (Item 89 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014003977 \*\*Image available\*\*  
WPI Acc No: 2001-488191/200153  
XRPX Acc No: N01-361257

**Industrial electrical motor monitoring system has on-site motor computer and off-site motor control center computer for synchronizing one motor condition information with another motor condition information**

Patent Assignee: GENERAL ELECTRIC CO (GENE )  
Inventor: KLIMAN G B; KOEGL R A; KRAHN J R; PREMERLANI W J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6262550	B1	20010717	US 99465935	A	19991217	200153 B

Priority Applications (No Type Date): US 99465935 A 19991217

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6262550	B1	19	G05B-023/02	

**Industrial electrical motor monitoring system has on-site motor computer and off-site motor control center computer for synchronizing one motor condition information with another motor condition information**

Abstract (Basic):

... An on-site **motor** sensor and remote sensor of off-site **motor** control center respectively monitors **motor** (16) and generates signals representative of **two** conditions of **motor** . An on-site **motor** and off-site **motor** control center **computers** (12,14) respectively process the **two** signals. The **computers** **synchronize one motor** condition information with **another motor** condition information through a communication link (20).

... a) **Motor** monitoring method...

...b) Torque determining method in rotating electrical **motor**

...

...For monitoring industrial electrical **motors** .

...

... **Synchronization** of **motor** data enables **motor** technicians and **engineers** to better diagnosis **motor** problems and to evaluate **motor** performance cause, and effect relationship between two or more **motor** conditions become apparent by viewing **synchronized** motor data...

...The figure shows the schematic diagram of **motor** monitoring system...

...On-site **motor** computer (12...

...Off-site **motor** computer (14...

... **Motor** (16

...Title Terms: **MOTOR** ;



35/3,K/90 (Item 90 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013956945 \*\*Image available\*\*  
WPI Acc No: 2001-441159/200147  
XRPX Acc No: N01-326394

Interface for client located on clients and servers network for  
selecting desired content by accessing database on remote computer  
has second operable link that returns target navigation address from  
server database

Patent Assignee: CLICKGUIDE INC (CLIC-N)  
Inventor: BANNEN M  
Number of Countries: 094 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122245	A1	20010329	WO 2000US25817	A	20000920	200147 B
AU 200075964	A	20010424	AU 200075964	A	20000920	200147
GB 2371655	A	20020731	WO 2000US25817	A	20000920	200258
			GB 20028538	A	20020415	
GB 2371655	B	20040505	WO 2000US25817	A	20000920	200430
			GB 20028538	A	20000920	

Priority Applications (No Type Date): US 99154761 P 19990920

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200122245 A1 E 105 G06F-015/16

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200075964	A	G06F-015/16	Based on patent WO 200122245
GB 2371655	A	G06F-015/16	Based on patent WO 200122245
GB 2371655	B	G06F-015/16	Based on patent WO 200122245

Interface for client located on clients and servers network for  
selecting desired content by accessing database on remote computer  
has second operable link that returns target navigation address from  
server database

Abstract (Basic):

... A first operable link is provided to a browser on a client  
and a second operable link to the remote computer database. The  
second link returns a target navigation address from the server  
database when the user selects the at least one actuator and the  
client browser is redirected to the returned target navigation  
address via the first operable link. A user may navigate via the  
context-based identifier on the at least one actuator of the interface.  
... a) a system for managing context based navigation on distributed  
network servers and clients...

...b) a method for managing context based navigation on distributed  
network servers and clients...

...c) a system for distributor specific implementation of a navigation  
interface on a distributed network of servers and clients...

...d) a method for distributing customized implementation of a navigation

**interface** on a distributed **network** of **servers** and clients...

...In a system for navigating a **computer network** using a software program for working with a desktop application to serve as a ready...

...for user defined, or provider defined, indexed subject matter using real-language substitutes for complicated **computer** , TCP/IP or domain name addresses...

...with flexibility to customize the interface to match the user's own specific preferences. The **interface** has the flexibility to adapt as a **navigation** tool to operate in additional environments such as the corporate **network** , or the user's own **computer** .

...

...The drawing shows a process by which the **online** customization feature can be performed enabling the user to select, built and execute the installation

...Title Terms: **NETWORK** ;

35/3,K/99 (Item 99 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013789016 \*\*Image available\*\*  
WPI Acc No: 2001-273227/200128  
XRPX Acc No: N01-195189

**Interface providing method for servers, involves sending business object to application on first server after mapping first and second record sets to business object**

Patent Assignee: AC PROPERTIES BV (ACPR-N); ACCENTURE LLP (ACCE-N)

Inventor: UNDERWOOD R A

Number of Countries: 092 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200109721	A2	20010208	WO 2000US20561	A	20000728	200128 B
AU 200062400	A	20010219	AU 200062400	A	20000728	200129
US 6523027	B1	20030218	US 99364531	A	19990730	200317

Priority Applications (No Type Date): US 99364531 A 19990730

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200109721 A2 E 683 G06F-009/46

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200062400 A G06F-009/46 Based on patent WO 200109721

US 6523027 B1 G06F-017/30

**Interface providing method for servers, involves sending business object to application on first server after mapping first and second record sets to business object**

Abstract (Basic):

... The method involves sending the **business** object to the application on a **first server** after mapping the **first** and **second** record sets to the **business** object. The **first** and **second** record sets are received from a **second server** in response to the selection criteria from the **first server**. The request for the **business** object is identified by the application on the **first server**.

... The **first** record set includes **business** data. The **second** record set includes result codes. INDEPENDENT CLAIMS are also included for the following...

...b) and a system for providing an **interface** between a **first server** and a **second server** with a **proxy** component situated between the **servers**.

...Used for providing an **interface** between a **first server** and a **second server** with a **proxy** component situated between the **servers**.

...Prevents changes in the proxy component from affecting the application on the **first server**. Allows generation of **proxy** components by a user. Enables increase in the interaction between a client and a server.

...The figure shows the block diagram of the system for providing an  
interface between a first server and a second server with a  
proxy component situated between the servers

...Title Terms: BUSINESS ;

35/3,K/108 (Item 108 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013396465 \*\*Image available\*\*  
WPI Acc No: 2000-568403/200053  
XRPX Acc No: N00-419935

**File synchronization for computer network , absorbs specification  
difference between database management units by exchanging data  
processor of each slave computer to summarize differential data**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000222268	A	20000811	JP 9921250	A	19990129	200053 B

Priority Applications (No Type Date): JP 9921250 A 19990129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000222268	A	10	G06F-012/00	

**File synchronization for computer network , absorbs specification  
difference between database management units by exchanging data  
processor of each slave computer to summarize differential data**

Abstract (Basic):

... management units (22,26), is absorbed by exchanging the data processor (21,25) of each **slave computer** (2,3) to summarize the differential data or the updating content of an updating process. The communication time is suppressed by disconnecting a circuit (4) from the **slave computers** to update a file group based on received data.

... Enables transfer of data content between **master computer** and **slave computers** independent from **database** management specification. Uses notebook computer as client computer. Supports **commercially** available **database** management system. Ensures rapid circuit connection for file **synchronization** . Produces compact synchronization summary data...

... **Slave computer** (2,3

35/3,K/140 (Item 140 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010795082 \*\*Image available\*\*  
WPI Acc No: 1996-292035/199630  
XRPX Acc No: N96-245337

Work flow system for office processing automation - uses cooperation data  
to link server of different subsystems so that document of first  
server can be circulated between terminals of second server

Patent Assignee: HITACHI LTD (HITA )  
Inventor: AKIFUJI S; MAJIMA H; SAITO T; TOGE T; TSUJI H  
Number of Countries: 002 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8123744	A	19960517	JP 94262208	A	19941026	199630 B
US 5867824	A	19990202	US 95546912	A	19951023	199912
US 6032124	A	20000229	US 95546912	A	19951023	200018
			US 99232495	A	19990115	
US 20040064356	A1	20040401	US 95546912	A	19951023	200425
			US 99232495	A	19990115	
			US 2000482026	A	20000113	
			US 2003663778	A	20030917	

Priority Applications (No Type Date): JP 94262208 A 19941026  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8123744	A		13	G06F-013/00	
US 5867824	A			G06F-017/60	
US 6032124	A			G06F-017/60	Div ex application US 95546912 Div ex patent US 5867824
US 20040064356	A1			G06F-017/60	Div ex application US 95546912 Div ex application US 99232495 Cont of application US 2000482026 Div ex patent US 5867824 Div ex patent US 6032124

... uses cooperation data to link server of different subsystems so that  
document of first server can be circulated between terminals of  
second server

...Abstract (Basic): has several subsystems (180) connected to a wide area  
network (140). Each subsystem has a **server** (110) and several client  
terminals (120). The **first server** holds the data which specify the  
discharge of a circulation document (160) to a **business** process  
definition (150). The BP definition describes the circulation path of  
the document in the...

...The **second server** linked to the **first server** takes the data  
which specify the discharge of the circulation document to a BP  
definition. **Cooperation** data (170) are used for the link of the **two**  
**servers** to circulate the document from the **first server** between  
the terminals of the **second server** .

...ADVANTAGE - Ensures easy BP definition change. Automatically matches  
**cooperation interface** of BP definition when describing **business**  
process over several posts

35/3,K/158 (Item 158 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

009527447 \*\*Image available\*\*  
WPI Acc No: 1993-220987/199328  
XRPX Acc No: N93-169362

Address recognition appts. used for storage and look-up of computer network information - includes primary database with multiway tree node structure arranged for transversal of nodes to locate pointer to entry in secondary database

Patent Assignee: CABLETRON SYSTEMS INC (CABL-N); DIGITAL EQUIP CORP (DIGI)

Inventor: BRYANT S F; MORGAN F; OCALLAGHAN J; QUINLAN U M; RIGBY J; SEAMAN M J; WALTON A; O'CALLAGHAN J

Number of Countries: 006 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 551243	A2	19930714	EP 93650003	A	19930108	199328 B
EP 551243	A3	19951122	EP 93650003	A	19930108	199618
US 5519858	A	19960521	US 92819490	A	19920110	199626
EP 551243	B1	20020313	EP 93650003	A	19930108	200219
DE 69331672	E	20020418	DE 631672	A	19930108	200234
			EP 93650003	A	19930108	

Priority Applications (No Type Date): US 92819490 A 19920110

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 551243	A2	E	20	G06F-012/00	
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Designated States (Regional): DE FR GB IT NL

EP 551243	A3			G06F-012/00	
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US 5519858	A		19	G06F-017/30	
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EP 551243	B1	E		H04L-012/46	
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Designated States (Regional): DE FR GB IT NL

DE 69331672	E			H04L-012/46	Based on patent EP 551243
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... includes primary database with multiway tree node structure arranged for transversal of nodes to locate pointer to entry in secondary database

...Abstract (Basic): The address recognition appts. has a recognition engine coupled to a look-up database which includes a primary and a secondary database. A network address for which network information is required is accepted as input and used as an index to the primary database .

...The primary database has a multiway tree node structure arranged for traversal of the nodes as a function...

...a fixed sequence of the segments to locate a pointer to an entry in the secondary database . The entry contains network information. The address recognition engine includes a table for storing database specifiers which each contain control information for the transversal

...Abstract (Equivalent): an address recognition engine adapted to receive as an input a network address...

...a network information look-up database coupled to the address recognition engine ;

...the network information look-up database comprising a plurality of

entries, each **one** of the plurality of entries containing **network** information relating to a corresponding network address...

...the address recognition **engine** operating to use a network address input thereto as a look-up index to the...

...the **network** information look-up **database** comprising a **primary database** and a **secondary database**, the plurality of entries being arranged in the **secondary database**, the **primary database** comprising a plurality of linked nodes for matching to preselected portions of a network address used as a look-up index so that the index input to the **primary database** traverses the linked nodes according to matches among linked nodes as a function of a sequence of the preselected portions of the **network** address to locate a **secondary database** pointer to **one** of the entries of the **secondary database** ;

...

...variable string structure for controllably matching a preselected number of p-bit digits of the **network** address of a request at the one node of the **primary database** .

...

...the address recognition **engine** using the located **secondary database** pointer to access and retrieve the corresponding one of the entries from the **secondary database** .



35/3,K/177 (Item 177 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007983650

WPI Acc No: 1989-248762/198934

XRFX Acc No: N89-189445

Schedule deriving process for airline personnel - calculating  
selection value for each bid line representing degree to which line  
satisfies individual flight criteria references

Patent Assignee: STANNARD L A (STAN-I)

Inventor: STANNARD L A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4845625	A	19890704	US 8744102	A	19870429	198934 B

Priority Applications (No Type Date): US 8744102 A 19870429

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4845625	A	13		

*AIRLINE*

Schedule deriving process for airline personnel...

...Abstract (Basic): The **schedule** deriving process comprises the steps of  
providing a **first computer - accessible data base** for the entry  
of **individual** records of subscriber flight criteria preferences in  
predetermined categories of bid line data. A **second computer  
accessible data base** is provided for the entry of periodic bid  
line data published by a **commercial airline**. A data analysis is  
performed on the bid line data of the **second database** on a bid line  
by bid line basis to evaluate the individual data of each of the bid  
lines against the individually expressed preferences of the  
predetermined categories of the **first database**, for each subscriber  
...

...ordered list of bid lines is then outputted comprising all or part of  
the entire **database** of bid line data of the **second database**,  
arranged in a progressive order of selection value.

Title Terms: **SCHEDULE** ;

35/3,K/199 (Item 199 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

002328786

WPI Acc No: 1980-D5223C/198016

Airline booking terminal system - includes interface unit with format  
converter and program individual to each airline computer

Patent Assignee: VIDECON LTD (VIDE-N)

Inventor: BARKER K S; DAVIES M E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1565286	A	19800416				198016 B

Priority Applications (No Type Date): GB 7723653 A 19770603

Airline booking terminal system...

...includes interface unit with format converter and program individual  
to each airline computer

...Abstract (Basic): The airline , travel agent etc. terminal system  
includes a number of visual display and keyboard terminal units  
connected to a drive unit provided with individual connections to  
different computers . Each connection includes an individual interface  
unit including a program individual to that computer and a two  
-way format conversion unit...

Title Terms: AIRLINE ;

38/3,K/10 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

012117328 \*\*Image available\*\*  
WPI Acc No: 1998-534240/199846  
XRPX Acc No: N98-416891

Data link breakdown survival method during aircraft computer failure -  
using transmitter-receiver, which communicates with remote ground  
stations, and which gets its data from interface circuits connected via  
parallel -connected main and spare computers receiving same data

Patent Assignee: SOC NAT IND AEROSPATIALE (NRDA )

Inventor: CAMUS P; RASCOL J

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 872973	A1	19981021	EP 98400852	A	19980408	199846 B
FR 2762169	A1	19981016	FR 974417	A	19970410	199847
CA 2234306	A	19981010	CA 2234306	A	19980407	199911
CN 1212374	A	19990331	CN 98109468	A	19980409	200005
US 6173230	B1	20010109	US 9855267	A	19980406	200104

Priority Applications (No Type Date): FR 974417 A 19970410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 872973	A1	F 12	H04L-001/22	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

FR 2762169	A1	H04B-007/26
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CA 2234306	A	H04B-001/74
------------	---	-------------

CN 1212374	A	G01S-001/00
------------	---	-------------

US 6173230	B1	G06F-019/00
------------	----	-------------

Data link breakdown survival method during aircraft computer failure...

...communicates with remote ground stations, and which gets its data from  
interface circuits connected via parallel -connected main and spare  
computers receiving same data

...Abstract (Basic): The data link breakdown survival technique involves  
the use of user interface (12) serviced by a main computer (10).  
The data is passed to a processor (14) by way of another interface thus  
...

...There is a second spare computer (11) across the first one  
receiving the same information as the first computer .

...Title Terms: AIRCRAFT ;

38/3,K/13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

011215161 \*\*Image available\*\*

WPI Acc No: 1997-193086/199717

Related WPI Acc No: 1999-276911; 2000-663688; 2001-327610; 2001-440312;  
2002-130081

XRPX Acc No: N97-159450

**On-line, transparent data migration system for replacement of data  
storage sub-system - in which host computer reads data from and writes  
data to data storage device which includes data elements currently being  
accessed by host computer**

Patent Assignee: EMC CORP (EMCE-N)

Inventor: OFEK Y; YANAI M

Number of Countries: 020 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9709676	A1	19970313	WO 96US13781	A	19960829	199717	B
EP 789877	A1	19970820	EP 96930609	A	19960829	199738	
			WO 96US13781	A	19960829		
US 5680640	A	19971021	US 95522903	A	19950901	199748	
JP 10508967	W	19980902	JP 96535206	A	19960829	199845	
			WO 96US13781	A	19960829		
KR 97707492	A	19971201	WO 96US13781	A	19960829	199847	
			KR 97702900	A	19970501		
EP 1160654	A1	20011205	EP 96930609	A	19960829	200203	
			EP 2001203306	A	19960829		
EP 789877	B1	20020710	EP 96930609	A	19960829	200253	
			WO 96US13781	A	19960829		
			EP 2001203306	A	19960829		
DE 69622253	E	20020814	DE 96622253	A	19960829	200261	
			EP 96930609	A	19960829		
			WO 96US13781	A	19960829		
JP 3645270	B2	20050511	JP 96535206	A	19960829	200532	
			WO 96US13781	A	19960829		

Priority Applications (No Type Date): US 95522903 A 19950901

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9709676	A1	E	32 G06F-012/00	
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Designated States (National): JP KR

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE

EP 789877	A1	E	G06F-012/00	Based on patent WO 9709676
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Designated States (Regional): DE FR GB IT

US 5680640	A	13	G06F-013/10	
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JP 10508967	W	34	G06F-012/00	
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Based on patent WO 9709676

KR 97707492	A		G06F-012/00	
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Based on patent WO 9709676

EP 1160654	A1	E	G06F-003/06	
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Div ex application EP 96930609

Div ex patent EP 789877

Designated States (Regional): DE FR GB IT

EP 789877	B1	E	G06F-012/00	
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Related to application EP 2001203306

Related to patent EP 1160654

Based on patent WO 9709676

Designated States (Regional): DE FR GB IT

DE 69622253	E		G06F-012/00	
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Based on patent EP 789877

Based on patent WO 9709676

JP 3645270	B2	16	G06F-003/06	
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Previous Publ. patent JP 10508967

Based on patent WO 9709676

...Abstract (Basic): On-line replacement of existing data storage sub-system in e.g processing centres of **business** and e.g banks, **airlines** and insurance companies etc...

...connected to existing host or other processing system with no time loss in access to **data stored** in **first** system...

...Abstract (Equivalent): for supplanting a first data storage device in a data processing system including a host **computer** for processing data, interface means on each of the host **computer** means and the **first** data storage device, and a link connecting the **interface** means, the host **computer** means issuing requests to transfer data to and from the first data storage device over...

...B) first connection means for connection to the **interface** means on the host **computer** means in lieu of link...

...D) first transfer means connected to said **first** connection means and said **data store** for receiving transfer requests from the host computer...

...data map means for normally selecting said second transfer means for migrating data from the **first** data storage device to said **data store** in said replacement data storage device, said control means responding to a data transfer request...

...to effect a transfer of the data identified by the data transfer request between said **data store** and the host **computer**, said **second** transfer means updating said data map means for each transfer produced thereby...

38/3,K/17 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007805254 \*\*Image available\*\*  
WPI Acc No: 1989-070366/198910

Computing transitive closure for database management system -  
partitioning database segment that fit within memory of processor,  
transferring partitions one at time from secondary to main memory and pro  
Patent Assignee: AT & T CORP (AMTT ); AMERICAN TELEPHONE & TELEGRAPH CO  
(AMTT )

Inventor: AGRAWAL R; JAGADISH H; AGRAWAI R; JAGADISH H V  
Number of Countries: 005 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 306197	A	19890308	EP 88307777	A	19880823	198910 B
US 4930072	A	19900529	US 8791236	A	19870831	199025
CA 1292574	C	19911126				199203
EP 306197	B1	19960417	EP 88307777	A	19880823	199620
DE 3855212	G	19960523	DE 3855212	A	19880823	199626
			EP 88307777	A	19880823	

Priority Applications (No Type Date): US 8791236 A 19870831

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 306197	A	E 21		
				Designated States (Regional): DE FR GB
EP 306197	B1	E 22	G06F-017/30	
				Designated States (Regional): DE FR GB
DE 3855212	G		G06F-017/30	Based on patent EP 306197

...Abstract (Basic): The method consists of parittioning the **database** ,  
transferring **one** partition at a time from the secondary storage to  
the main memory, and processing a partition in such a way that accesses  
to the portions of the **database** not in **main** memory are minimised.  
As kuch of the unprocessed **database** as would fit a predetermined  
fraction of **main** memory is fetched as one partition, and if, during  
the processing of this partition, the...

...USE/ADVANTAGE - E.g. in transport (esp. **airline** ind.),  
telecommunication, construction, mfg. control or expert system.  
Transitive closure of database achieved efficiently even...

...Abstract (Equivalent): storing in said second memory at least a portion  
of the transitive closure of a **database** stored in said **secondary**  
memory, where said **database** contains a plurality of entries and each  
entry contains a plurality of fields, with each...

...of: developing an ordering of said nodes in said database; developing a  
partition of said **database** and retrieving said partition from said  
**secondary** memory and placing it in said primary memory, where said  
partition contains all entries of said **database** that **share** a chosen  
set of source nodes; developing an entry by selecting one entry in said  
partition and **one** entry in either said partition or said **database** ,  
where **one** entry is a **head** entry and one entry is a tail entry, and  
developing an entry for said transitive...

...Abstract (Equivalent): The method consists of partitioning the **database**  
, transferring **one** partition at a time from the secondary storage to  
the main memory, and processing a partition in such a way that accesses  
to the portions of the **data - base** not in **main** memory are  
minimized. As much of the unprocessed **database** as would fit a

predetermined fraction of **main** memory is fetched as one partition,  
and if, during the processing of this partition, the...

...USE - Method for creating transitive closure of **database** when  
**database** is stored on **secondary** storage in form of links connecting  
nodes. (17pp)

38/3,K/18 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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007152214

WPI Acc No: 1987-152211/198722

XRPX Acc No: N87-114219

**Data distribution system with master computer and remote stations -  
having data-base stored in remote stations for user access updated  
regularly by master computer via any data transmission technique**

Patent Assignee: WESTLAKE C P (WEST-I)

Inventor: WESTLAKE C P

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2183376	A	19870603	GB 852934	A	19850206	198722 B
GB 2183376	B	19881102				198844

Priority Applications (No Type Date): GB 852934 A 19850206

**Data distribution system with master computer and remote stations...**

...having data-base stored in remote stations for user access updated  
**regularly by master computer via any data transmission technique**

...Abstract (Basic): The remote station is interrogated by the user at any  
time to **extract data stored** in the memory of the remote station,  
which is periodically updated by the master data...

...USE - **Airline** seat availability information, stock and **share** prices,  
stolen car registrations or cancelled or stolen credit cards...

...Abstract (Equivalent): The remote station is interrogated by the user at  
any time to **extract data stored** in the memory of the remote  
station, which is periodically updated by the master data...

...USE - **Airline** seat availability information, stock and **share** prices,  
stolen car registrations or cancelled or stolen credit cards. (5pp  
Dwg.No.1/2)



Set	Items	Description
S1	119635	WEBSITE? OR WEB()SITE? OR WEB()ADDRESS? OR WEB()SERVER? OR ISP OR ISPS OR URL OR URLS OR BROWSER?
S2	954795	DATABASE? OR DATA() (BASE? OR FILE? OR STORE?) OR DATAFILE? OR DATASTORE? OR DB OR DBS
S3	6628935	SERVER? OR COMPUTER? OR NETWORK? OR ONLINE? OR INTERNET? OR ONLINE? OR WORLD()WIDE()WEB
S4	2245050	BUSINESS? OR COMMERCIAL? OR AIRCRAFT? OR AIRPLAN? OR AEROS-PAC? OR RETAIL? OR ECOMMERCE? OR ETAIL? OR EBUSINESS?
S5	132628	AEROPLAN? OR AIRLINE? OR JUMBOJET? OR JUMBO() (JET OR JETS) OR PASSENGER() (JET OR JETS OR PLANE?)
S6	5903623	ENGINE? OR MACHIN? OR MOTOR? OR MAINTENAN? OR PROPULSION? - OR SCHEDUL? OR GENERAL(2N) (INFO OR INFORMATION?) OR FAQ OR FA-QS
S7	193994	NAVIGAT? OR (ARRIV? OR DEPART?) (2N)TIME?
S8	4091648	ACCESSIBL? OR USABL? OR COLLABORAT? OR SHARE? OR SHARING? - OR SYNCHRON? OR SYNCRON? OR COUPL? OR CONJOIN? OR SYMBIO? OR - EXCHANG?
S9	2027232	ACCESS?(2N) (PRIVIL? OR RIGHT? OR PERMISSION?) OR INTERFAC? OR COOPERAT? OR CONSOLIDAT? OR CONFEDERAT? OR INTERCOMMUNIC?
S10	14439779	SINGLE? OR ONE OR FIRST OR PRIMARY? OR UNIQUE? OR SOLITARY? OR LONE OR HEAD OR FOREMOST? OR INITIAL?
S11	4173086	DISTINCT? OR ISOLAT? OR INDIVIDUAL? OR SINGULAR? OR SOLO OR PRIME? OR CHIEF?
S12	5547777	1ST OR MAIN OR NUMBER() (ONE OR 1) OR PRINCIPAL? OR INITIAL? OR LEAD OR CONTROLLER? OR HEAD OR MASTER
S13	12372033	SECOND? OR 2ND OR ANOTHER OR AUXILIAR? OR BACKUP? OR EXTRA OR TWO OR DOUBL? OR PROXY? OR PROXIE? OR STANDIN OR STAND?() IN OR SLAVE?
S14	4406966	PARALLEL? OR TWIN OR TWOFOLD? OR TWOSOME? OR PAIR??? OR DU-AL? OR SPARE? OR EXTRA?
S15	51082	S10:S12(5N)S1:S3 AND S13:S14(5N)S1:S3
S16	1795	S15 AND S4:S7 AND S2 AND (S1 OR S3)
S17	6551	S15 AND S8:S9(7N)S1:S7
S18	3700	S17 AND S8:S9(7N) (S10:S12 AND S13:S14)
S19	442	S16 AND S17
S20	212	S18 AND S19
S21	186	S20 AND PY<2002
S22	8	S19 AND (S5 OR AIRCRAFT? OR AIRPLAN?)
S23	99	S16:S18 AND (S5 OR AIRCRAFT? OR AIRPLAN?)
S24	99	S22:S23
S25	96	S24 AND PY<2002
S26	276	S21 OR S25
S27	229	RD (unique items)
File	2:INSPEC	1969-2005/Aug W3 (c) 2005 Institution of Electrical Engineers
File	6:NTIS	1964-2005/Aug W2 (c) 2005 NTIS, Intl Cpyrght All Rights Res
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(c) 2005 American Mathematical Society  
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27/3,K/22 (Item 22 from file: 2)

DIALOG(R)File 2:INSPEC

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6157184 INSPEC Abstract Number: C1999-03-6150N-043

**Title:** Network **operating systems**

Author(s): Falk, H.

Journal: Electronic Library vol.16, no.6 p.394-8

Publisher: Learned Information,

Publication Date: Dec. 1998 Country of Publication: UK

CODEN: ELLIDZ ISSN: 0264-0473

SICI: 0264-0473(199812)16:6L.394:NOS;1-X

Material Identity Number: E880-1998-006

Language: English

Subfile: C

Copyright 1999, IEE

**Title:** Network **operating systems**

Abstract: As libraries make increasing use of **computer** resources, a local **network** that interconnects personal **computers** and other **machines** within the library is becoming a necessity. The basic aim of a local **network** is to allow connected **computers** to communicate with each other and to reap all the advantages of that kind of communication. With a local **network**, it is possible to mount a software resource like a library catalog on **one computer**, and then be able to access that **database** from any other **computer** connected to the **network**. In a similar way, the **network** allows all computers to share application programs and files stored on **one computer** can be used on **another**. Hardware resources can also be **shared**. For example, all **network**-connected **computers** are able to use the same printer (or to select from more than **one** available printer) and also to share CD-ROM readers and modems. Thus, a **single** modem could allow all the **networked computers** to access the **Internet**. Messages can also be **exchanged** between **networked computers**, providing a means to display announcements or to pass messages from one area of a...

...Descriptors: local area **networks** ; ...

... **network** operating systems

Identifiers: **network** operating systems...

...local **network** ; ...

...personal **computers** ; ...

... **database** access...

... **network** -connected **computers** ; ...

... **Internet** access

1998

27/3,K/37 (Item 37 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5276355 INSPEC Abstract Number: C9607-7102-005

Title: Open parallel servers address the challenges of data warehousing

Author(s): Whitehead, D.  
Author Affiliation: Cray Res. Superservers Inc., Beaverton, OR, USA  
Journal: SPEEDUP Conference Title: SPEEDUP (Switzerland) vol.9, no.2  
p.48-50  
Publisher: SPEEDUP,  
Publication Date: Dec. 1995 Country of Publication: Switzerland  
CODEN: SPEEF2  
Material Identity Number: D193-96001  
Conference Title: 18th SPEEDUP Workshop on Vector and Parallel Computing.  
Industrial and Business Applications of High-Performance Computing  
Conference Date: 21-22 Sept. 1995 Conference Location: Zurich, Switzerland  
Language: English  
Subfile: C  
Copyright 1996, IEE

Title: Open parallel servers address the challenges of data warehousing

Abstract: The recognition of the **business** value of timely decisions based on ad hoc queries and analysis of **business** trends has resulted in the targeting of advanced decision support systems (DSS) as an area of strategic investment by corporations. A data warehouse is a subject-oriented informational **database** which **consolidates** data from multiple corporate **databases** into a **single** query-only **database** that contains current and historical data for analysis by knowledge workers. The data warehouse is a key technology for advanced DSS. It typically utilize large dedicated UNIX **servers**. Low cost scalable **parallel** open systems and **commercial** relational DBMS are two of the enabling technologies fuelling the rapid pace of data warehouse...

Descriptors: **business** data processing...

...client- **server** systems...

...file **servers** ; ...

...relational **databases** ; ...

...very large **databases**  
Identifiers: UNIX **servers** ; ...

...subject-oriented informational **database** ; ...

...corporate **databases** ; ...

...query-only **database** ; ...

...relational **database**  
1995

27/3,K/40 (Item 40 from file: 2)

DIALOG(R)File 2:INSPEC

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5164030 INSPEC Abstract Number: C9603-6110-001

Title: **The result of data analysis of several information systems in the same business area**

Author(s): Machihara, H.

Author Affiliation: Inf. & Commun. Syst. Labs., NTT, Kanagawa, Japan

Journal: International Forum on Information and Documentation vol.20,  
no.3 p.25-9

Publisher: FID,

Publication Date: July 1995 Country of Publication: Russia

CODEN: IFIDD7 ISSN: 0304-9701

SICI: 0304-9701(199507)20:3L:25:RDAS;1-L

Material Identity Number: C542-96001

Language: English

Subfile: C

Copyright 1996, IEE

Title: **The result of data analysis of several information systems in the same business area**

Abstract: Every large-scale company uses many information systems in the **business** area as the demand being placed on information systems and higher performance **computers** increases. These changes drive such companies to use their stored information positively in order to...

...want to address are: how to use information efficiently; and how to make information systems **cooperate** with **one another** as a multi- **database** or a federated **database** . In order to solve the problems, some methodology for the data standardization is needed. What...

...number of files is 194, and the number of data items is 8169) in the **business** area in NTT. The result presents the heterogeneity of data item naming rules and the...

Descriptors: **business** data processing...

...distributed **databases** ;

...Identifiers: **business** area...

...higher performance **computers** ; ...

...multi- **database** ; ...

...federated **database** ;  
1995

27/3,K/135 (Item 15 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04264444 E.I. No: EIP95102886345

**Title:** Collaborative computing: a multi-client multi- server environment

Author: Hao, Ming C.; Karp, Alan H.; Garfinkel, Daniel

Corporate Source: Hewlett-Packard Lab, Palo Alto, CA, USA

Conference Title: Proceedings of the Conference on Organizational Computing Systems

Conference Location: Milpitas, CA, USA Conference Date: 19950813-19950816

E.I. Conference No.: 43708

Source: Conference on Organizational Computing Systems - Proceedings 1995. ACM, New York, NY, USA. p 206-213

Publication Year: 1995

CODEN: 002152

Language: English

**Title:** Collaborative computing: a multi-client multi- server environment

Abstract: Most people think that collaboration implies that several people are **sharing** work on a **single** application with **shared** displays. In fact, **collaboration** is more. It includes the concurrent control of multiple applications by a collaborative group. To enable this more powerful form of collaboration, we show how to combine earlier mechanisms for **single** client, multiple **server** computing with a new mechanism called ESP (Event Sense Protocol) for multiple client, multiple **server** computing. We describe **two** extended examples - a working prototype of a multi-user, heterogeneous, distributed debugger and a **commercial** banking application. (Author abstract) 14 Refs.

Descriptors: \*Distributed **computer** systems; Concurrency control; Distributed **database** systems; Program debugging; User **interfaces** ; Spreadsheets; **Network** protocols

Identifiers: Multi client multi **server** environment; **Collaborative** computing; Software Package LOTUS; Event sense protocol

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